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T H E
R E S U L T

O F A

Particular V I E W

O F T H E

North Level *of the* F E N S.

Taken in A U G U S T, 1745.

*Nostri sunt Amnes, nostri Lacus, — nos Flumina
arcemus, dirigimus, avertimus, —*

Cicero de Natur. Deor. Lib. 2. Cap. 60.



L O N D O N:

Printed by C. and J. ACKERS, in St. John's-Street,
M D C C X L V I I I.

THE
RESULT

OF A
Particular View

OF THE
North American States

IN THE
Year 1793

By

John Adams, Esq.

Author of the

Discourses on the

Rights of the Colonies



LONDON

Printed by J. B. L. ...
...

T O
H I S G R A C E
J O H N
Duke of *Bedford*, &c.

(At whose Desire this VIEW was taken)

This RESULT is most humbly offered,

By

His GRACE's

Most devoted,

Most obliged, and

Most humble Servant,

CHARLES LABELYE.

TO
HIS GRACE
JOHN
Duke of Bedford, &c.

(The whole before this View was taken)
THE RESULT is most happily effected,

By
Mr. G. G. G.

Mr. G. G. G.

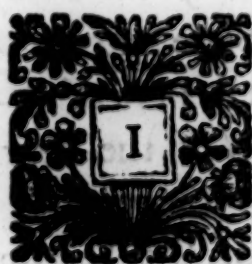
Mr. G. G. G.

Mr. G. G. G.

CHARLES L. L.



May it please your GRACE,



HAVE, at your Grace's Desire, taken a very full and particular View of the *North Level of the Fens*, and of its Outfal to Sea through *Shire Drain* and *Guntborp Sluices*: I have also carefully examined the natural Declivity of the Lands, and the present State and Condition of the several Rivers, Cuts, or Drains, which take their Course through the said Level, and made all the necessary Observations, in order to determine the real Fall of the Waters, especially from *Clow's Cross* to the *Low-water Mark*, in the present Channel,

Channel, over against the *Wash-Way* in *Holland*.

The Result of which, and the Methods which appear to me, after serious Consideration, the most advisable to follow at present, as the most likely to afford a considerable Relief to that Part of the *Fens*, and to improve its Outfal, at a very moderate Expence, are contained in the following Articles.

1. I found the *North Level of the Fens*, in general, in a much better State and Condition, than much the greatest Part of either the *Middle* or *South Level* of the *Fens*.

2. I observ'd the Nature of the Soil in the *North Level*, to be generally much of the same Nature and Quality as in a great Part of the *Middle Level*, but rather better than in a great Part of the *South Level*.

3. I found the natural Declivity of the Lands in the *North Level*, to be very inconsiderable, though somewhat greater from

Peter-

Peterborough, than in most Parts of the two other Levels.

4. I observ'd that Declivity to be in general from the *South-West* to the *North-East*; that is to say, for the most Part from *Peterborough* towards *Clow's Cross*.

5. I found all the Cuts and Drains in the *North Level*, to be in a much better State and Condition than most of those in the two other Levels; but far from being kept so deep, and so clean from Mud, Reeds and other Weeds, as they ought to be; in order to afford so quick and sufficient a Discharge to the Downfal Waters, as they might.

6. I observ'd the Banks of those Cuts and Drains to be in a much better State than most of those in the two other Levels. The *North Bank* of *Morton's Leam*, the *Banks* of *Shire Drain*, and the *Bank* next to *Welland Washes*, appeared to me the best; and yet those Banks, in many Places, are in want of Repairs; but the rest of the Banks along the Inland Cuts and Drains,
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are far from being so high and so broad as they ought to be.

7. I found several of those Cuts and Drains much narrower, more crooked, and with more sharp Angles, and short Turnings, than they might, and ought to be; and I found them parted from one another by several (not only useless, but very) prejudicial Dams, of which I shall take further Notice hereafter.

8. I observ'd the natural Fall of the Waters, or the Difference of Levels, in all the Cuts which convey the Waters to *Clow's Cross*, and from thence to the Sea, thro' *Shire Drain* and *Gunthorp's Sluices*, to be hardly sensible; and at the Time of my taking this View, there was hardly any Current towards the Outfal.

9. I found the Outfal to the Sea, between *Gunthorp's Sluice* and the *Wash-Way*, greatly obstructed with many loose Sands, frequently shifting by the various Actions of the Winds and Tides; which often occasions the Channels of the Outfals, both
of

of *Wisbeach* and *Gunthorpe's*, to shift their Situations, they being sometimes very far asunder, as in the Time of my View, and at other Times they coming nearer together, and even uniting in one; all which Alterations greatly increase the Difficulty of keeping good Outfalls.

10. I observ'd by a Method, much less liable to Errors than any Spirit Level, or any other Instrument, that the Fall, or Difference of Levels, between Low-Water Mark, over-against *Gunthorp's Sluices*, and the Low-Water Mark about four Miles lower to it, over-against the *Wash-Way*, was very considerable, and near as much as it is in the Mouths of much better Rivers, it being certainly not less than four Feet eight Inches, which is a Fall of fourteen Inches *per* Mile.

11. But I found the Threshold of *Guntborp's Sluices* so low, that it is certainly not above five Inches higher than the Low-Water Mark at the *Wash-Way*.

12. Moreover I observ'd, at the Time of
my View, another Obstacle to the procur-
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ing and preserving a good Outfal to *Gunthorp's Sluices*; which is, that the Sea has raised the Lands, or has thrown a Kind of Bar about a Mile below *Gunthorp's Sluices*; so that from that Place to the End of the last new Cut, made for the letting of the Scours from *Gunthorp's*, there is a Fall, or Difference of Level *the wrong Way*, of about twelve or fifteen Inches.

13. I found the lower *Reservoir* far from being so large and capacious as it might be made without endangering its Banks, and a great Quantity of Sand and Silt left in the Way of the Waters, which might and ought to be removed next to the Banks, either on the Inside or the Outside of them.

14. I observ'd, that at the Time of my View, there was but two Foot Water on the Threshold of *Clow's Cross Gates*, at which Time the Surface of the Waters in *Peakirk Drain*, and the *New South Eau*, was not more than about two Foot lower than the Surface of the lowest Lands in the *North Level*; and I was inform'd, that when these Rivers are two Feet and a half higher,

higher, the lowest Lands begin to be wet by the *Soke* and *downfal Waters*.

15. Lastly, I examin'd the two Mills erected at the upper End of the second *Reservoir*, which I found properly situated, and of good Workmanship, and certainly they must prove of great Service in Cases of Necessity ; but the Use of Mills being attended with a constant Expence, they ought not to be used, but when all other Means fail.

From all these, and many other Observations, I am clearly of Opinion, that the chief Cause of the bad Condition of the *North Level of the Fens*, after wet Seasons, is owing principally to the Want of a sufficient Outfal for the downfal Waters, there being no Rivers that pass thro' this Level, but what carries the downfal Waters coming down from the Uplands, which makes the Case of the *North Level* a very particular one; and, in that at least, very different from the rest of the *Fens*.

It also plainly appears to me, that the several Cuts and Drains, passing thro' the

North Level, are not sufficient (in the Condition they are in at present) to carry off the Waters which they might, and should carry off, after wet Seasons.

I shall now proceed in offering what appears to me absolutely necessary to be done, with all convenient Speed, to put the several Cuts and Drains, in the *North Level*, in a Condition to reap from them all the good Effects that can be expected. And for greater Perspicuity, I shall speak of every one in particular. And, lastly, I shall annex what I think may, with a moderate Expence, greatly contribute towards maintaining, or even improving the Outfal of *Shire Drain*, as much as the Situation, Nature, and Circumstances of the Place can afford any reasonable Hopes.

The *Old South Eau* takes its Origin at *Croyland*, and after a very winding Course, did formerly go by *Clow's Cross* into *Morton's Leam*; but it is now almost intirely neglected and grown up, and the Waters it is still able to convey, are turned into the *New South Eau*, by *Fall's Drain* and *Gold Dyke*,

Dyke, being hindered from proceeding farther in their old Course by a Dam between *Gold Dyke* and *Clow's Cross*, where there is another Dam to hinder the Waters from going towards *Morton's Leam*. As to this Dam, I have no Objections against it, being of Opinion, that all the Waters which pass thro' the *North Level* should at last be convey'd in one single Body to the Sea; but I think that the whole Length of the *Old South Eau* ought to be cleared, and the Dam between *Gold Dyke* and *Clow's Cross* should be taken up, in order to give a better Escape to the Waters coming down the *Old South Eau*, than by diverting them with short Turnings into the *New South Eau*, which, no Doubt, has more than enough of Waters to carry off, after rainy Seasons.—I have Reasons to think, that the *Old South Eau* was formerly a Brook, which was a natural Drain, and might have been improved, and many of its short Turnings and Windings mended, by a few short Cuts here and there, where most wanting, without being at the monstrous Expence of cutting an intire new one just by it.

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The *New South Eau* takes also its Origin at *Croyland*, very near the Beginning of the *Old South Eau* : It is an artificial Cut, made upon a Pretence that the *Old South Eau* was not sufficient, and too winding; but this might have easily been mended, without putting the *Corporation* to the Charge of making this new one.

It makes but one considerable Angle, just before it enters *Thorney's Lordship*, where it receives Part of the Waters collected by the *Catchwater*; from thence it proceeds in a direct Line to *Clow's Cross*, after receiving, at the other End of *Thorney's Lordship*, the Waters still carried by the *Old South Eau*, thro' part of the *Gold Dyke*. I measured the *New South Eau* near *Clow's Cross*, where it is widest, and found it twenty-five Feet broad, and three Feet, three Inches Depth of Water at that Time, but very foul, there being near two Feet Mud at Bottom, which should be diked or roaded out, whenever it is a Foot deep. This Cut I also found full of Reeds, which ought to be

be cut twice a Year, once just before they run to Seed.

My Opinion of this Cut is, that it ought to be clean'd from Time to Time, and its Banks should be raised and mended where necessary, in order to enable it to carry off a greater Quantity of Water to *Clow's Cross*.

The next Cut or Drain which carries the downfal Waters to *Clow's Cross* is *Peakirk Drain*; which, by its low Situation, is certainly the best Drain in this Division of the *Fens*: It is a Cut of great Antiquity, at least it was dug long before the *Adventurers* were incorporated. The highest Part of it I observed at the *Folly Bank*, where it is damm'd from receiving any of the Waters, except thro' a very small Funnel under *Cordyke*. But, in my Opinion, *Peakirk Drain* should have a free Communication with *Cordyke*, as well as with *Catchwater*; and therefore I would advise all these cross Dams, on the *Peakirk Drain*, to be taken away. This Drain makes but two considerable Angles, in its whole Progress to *Clow's Cross*, where it arrives after having received

received the Waters of *Thorney Dyke*, thro' Part of the *Gold Dyke*. I measured *Peakirk Drain*, near *Clow's Cross*, and found it twenty-three Feet broad, and of the same Depth of Water, and in the same bad Condition as to its Banks, or Foulness, as the *New South Eau*, and therefore in Want of the same Remedies, and so much the rather, as it is the best Drain of the *North Level*.

Thorney Dyke is another Cut or Drain which carries the downfal Waters to *Clow's Cross*; it takes its Origin near to the Village of *Eye*, and after several Windings, it receives Part of the Waters from *Cordyke* and *Catchwater Drains*; then from *Thorney Cross* it proceeds almost in a streight Line to *Knarr Cross*, traversing in its Way another cross Cut called *Thorney River*. At *Knarr Cross* it falls into *Gold Dyke*, making with it almost a Right Angle, which ought to be changed into a more gentle Bend, or Elbow. From thence *Thorney Dyke's* Waters are convey'd by *Gold Dyke* into *Peakirk Drain*, and from thence to *Clow's Cross*. This Drain wants also to be
cleaned

cleaned and widened, especially the upper End of it ; the Rushes, with which I found it almost choaked in many Places, should be cut at least twice a Year, and the Mud taken out, as often as it increases, so as to be one Foot deep at the lower End. And, lastly, its Banks should be raised and mended wherever necessary.

Having now mentioned what should be done in respect to the Cuts and Drains, which convey the Waters from the *North Level* to *Clow's Cross*, and from thence to the Sea, thro' *Shire Drain*, I proceed next to mention in what Condition I found the principal cross Drains, and what appears to me absolutely necessary to be done, for making them answer the Purposes they were intended for.

The first of these cross Drains is *Cor-dyke*; it receives the downfal Waters of great Part of *Northamptonshire*, and being pretty high in the Middle, did formerly discharge Part of its Waters into the *Welland*, as it is still suffered to do, and the Remainder into *Morton's Leam*, from which it is now

cut off by the *North Bank*; and that Part of the Waters collected by *Cordyke* falls now into *Catchwater*, and from thence into *Thorney Dyke*, which is much better.

The other Part of *Cordyke*, instead of being turned into the *Welland*, as it has been by the *Folly Banks*, and other useless Works, should have been continued going into *Pea-kirk Drain*, which ought to be clean'd and enlarg'd, if necessary, especially the upper End of it. However, this Drain of *Cordyke* may be still suffered to discharge itself as it does at present, till after the Cuts and Drains have been cleaned, and enlarged where necessary, and it be experienced what Effect this will have, as to the Land Waters being then carried to Sea with sufficient Dispatch.

What the *Cordyke* wants most, at present, is to be cleaned from the many Trees, Bushes, and other Obstructions, with which it is almost every where hindered from answering the Purpose it was intended for, and its Banks, especially that next to *Thorney*, should be repaired wherever necessary,
and

and raised to a sufficient Height and Thickness to withstand the greatest Floods known.

The next considerable cross Drain in the *North Level*, is called the *Catchwater*, which receives a considerable Part of the downfal Waters, from the Lands which are situated between *Cordyke*, *Welland Wash*, and *Morton's Leam*, Part of which it discharges into the *New South Eau*, after having received the Waters of another pretty considerable Drain, called the *Twelve Foot Dyke*; the remaining Part of the Water receiv'd into *Catchwater* from *Cordyke* and the Uplands, are discharged into *Thorney Dyke*.

Catchwater Drain wants cleaning and enlarging, and the more so, as it is very crooked and winding, which might easily be mended in many Places; its Banks, especially that next to *Thorney*, should also be raised and strengthened wherever necessary, and the Dams, which hinder its free Communication with *Peakirk Drain*, should be taken up.

The next considerable cross Drain is *Thorney River*; which, though it is chiefly intended for the Use of Navigation, and the Conveniency of the Inhabitants of the *North Level*, by its Communication with the *New Cut* or *Morton's Leam* thro' the *Lock*, or *Pen Sluice*, called the *Dog in a Doublet*; yet it is certainly of Use also, in conveying some of the Waters from the Land. I found this Drain in the best Condition of any, and tolerably clean and deep; but I was inform'd, that in wet Seasons its Banks are often overtopp'd by the downfal Waters, which plainly shew, that those Banks ought to be raised and strengthened to a sufficient Height, to carry the Waters which this Drain might carry.

The next cross Drain which I shall take Notice of, is called the *New Cut*, which serves for the Navigation from the *New South Eau* into *Peakirk Drain*. This Cut is also of some Service to draining, and wants the same Care and Provision as the rest.

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The laſt croſs Drain which I think worth mentioning, is *Gold Dyke*, of which I have ſpoken before.

This Cut, as almoſt all the reſt, wants cleaning from Reeds and Mud, and its Banks to be raiſed and mended, ſo as to keep all the Waters it receives, and convey them freely in the *New South Eau*, and into *Pea-kirk Drain*, in order to which all Dams, made a-croſs it, ought to be removed.

Having now gone thro' my Obſervations on the ſeveral Cuts and Drains which convey the downfal Waters of the *North Level* towards the Sea, and mentioned what ſhould be done with all convenient Speed, to render them as effectual towards draining as poſſible, I ſhall conclude this Part with a general Obſervation.

As all Low Lands in the World are more or leſs affected by Rain, or other Waters after wet Seasons, and that the *Fens* in general lay very low, and are of ſuch Nature, as to be moſt and ſoonest affected
by

by Water; it can never be expected, that they should be always perfectly dry. And I am not certain, whether it is not better, after all, that they should be flooded at some Time of the Year, in which I am confirmed by the Practice and Experience of what is done in *Holland, Flanders*, and the adjacent Provinces, where the Inhabitants are so far from thinking that the Land-Waters lying for some Time over their Lands, are of any Prejudice to them, that they keep them flooded the greatest Part of the Winter. However, I have pointed out what appears to me the most natural and effectual Means to obtain a considerable Relief, by Means of these Cuts and Drains; I conceive that the Sums which are set apart to be laid out annually on this Part of the *Fens*, (if properly applied, and by Persons both capable and willing to do their Duty) are sufficient for the Purpose. But if those Means, pointed out by Nature and common Sense, are neglected, I think it is in vain to expect that Providence should hinder the natural Course of the Waters, and work daily or yearly Miracles in favour of People,

People, who will not make Use of the Means they have to help themselves.

I shall now consider the Outfal of *Shire Drain*, and mention what I think may preserve, and even improve it.

Whoever has been upon the Spot, and is capable of making any Observation, must be sensible, that the Nature, Situation, and other Circumstances of the Land and Sea-Shore, are such as will always make it difficult to procure and maintain a good Outfal for the *North Level*. For the Bay between *Lincolnshire* and *Norfolk*, (called by the *Romans*, *Metauris Æstuarium*) is a wide extended Bay, full of Shoals and shifting Sands, greatly exposed to many boisterous Winds, from the North to the East-South-East, which joining to the Action of the Tides, must occasion great Alterations in the Outlets of all Rivers and Streams, which empty themselves in this Bay; and the more, if it be considered, that all those Outlets have very scanty Backwaters, very small Indraughts for the Tidewaters, and that the Sands, which are carried

ried to and fro, all over the Bay, are extremely loose, and yielding to the least Impulse.

Now the Cut call'd *Shire Drain*, is certainly made so broad and capacious, that it would carry to Sea-wards much greater Quantities of Water than it generally does; but it happens, that there is no River, or constant Stream, that passes thro' this *Level*; nay, some People have been so wrong-headed formerly, that rather than to raise or mend the Banks of the Cuts or Drains, they have turned Part of the Waters which came into *Cordyke* from the Uplands, into the *Well-land*; so that all the Means left to improve or maintain the Outfal of *Shire Drain*, are, in my Opinion, to make use of the Tides and Land-waters, to the best Advantage, and to secure the Mouth of the Outfal, as much as possible, from silting, by bringing it close under the *Lincolnshire Shore*, and carrying it as far to Sea as it will be found practicable.

To effect this, it is my humble Opinion, that the *Reservoir*, or lower Receptacle next
to

to *Gunthorp's Sluices*, should be cleaned from all the Silt and Sand, which I found left in it in the Way of the Waters, instead of being removed next to its Banks.—That this *Reservoir* should be deepen'd, and enlarg'd as much as possible, since in dry Seasons, there is nothing else to hinder the Mouth of the Outfal of *Shire Drain* from choaking up by the Action of the Winds and Tides on the loose Sands.

I observ'd, in my View, a Piece of Ground next to that *Reservoir*, in which the high Tides flow in Part; which Ground, by mending the Bank which parts it from the Sea, and digging it out to the same Depth, or thereabouts, as the *Reservoir* itself, would be no inconsiderable Addition of Waters for every Scour. I am sensible, that this Kind of a *Side-Pond* would be sooner filted up than the *Reservoir*, but the Expence of cleaning it from Time to Time, will be more than made up by its Use. For the same Reasons I am of Opinion, that all considerable Tides should be received and pent up in the *Reservoir*, even the Whole of the highest Spring Tides, which some call the *Raging Tides*; since

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nothing

nothing is more evident, than that the more Water there is, and the higher the Head of the Scour is, the more forcibly will it act: And from what I observed, I think, that in order to let in and out such high Tides conveniently, the *Windlasses* of the four *Draw-Doors* at *Gunthorp's*, the *Cap-Tree* of the *Posts* in which they play, and the *Floor* on which the Men stand to draw them up or down, should be raised about two Feet. I am also sensible, that those *raging* and *extraordinary Tides* are the foulest, and bring the greatest Quantity of Sand and Silt into the *Reservoir*; but that should be no Objection against receiving them, since they will scour the Outfal with the greatest Force when let out: For, in short, the Land Owners of the *North Level* have it in their Option, either to be at the Expence of cleaning the *Reservoir* oftner than at present, and have a good Chance to maintain an Outfal, or save that Expence by keeping the high Tides and Part of the Silt out, and have no Chance for keeping an Outfal, or else being obliged to make new ones from Time to Time, by Dint of Labour, and Expence.

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What has been mentioned is sufficient to shew how to make Use of the Tides to the best Advantage; as to the Land-waters, I have already explained, at large, what I think should be done to the several Cuts and Drains in the *North Level*, which must certainly not only relieve the *Fens* in wet Seasons, but greatly add to the Scours of *Gunthorp's Sluices*. To which I now add, that whenever there be a Necessity of working the Mills, at the lower End of *Shire Drain*, the Waters in the *Upper Reservoir* should always be let off in the *Lower one*, as soon as possible.

As to the preserving the Outfal, by bringing it close under the *Lincolnshire Shore*, and further to Sea-ward, than it is now; I conceive, that in order to do this, some Means must be found to raise the Sands on the East Side of the present Outfal; to effect which, nothing plainer or cheaper occurs to me than to make *Inclosures* of *Stakes* and *Hurdles*, situated as I have described, in the *Eye Draught annex'd in Red Dots*. The Manner of placing those *Stakes* and *Hurdles* is also described by three

Sketches at the Reverse of the Eye Draught, which shew all the possible Cases of using them, better than any Description by Words could do. I am of Opinion, that this will prove as effectual as *Jetties* or *Drifts of Piles*, or any other more costly Works; and, I think, that the *Cheapness* and *Plainness* of this Method should rather recommend it. I have seen in *Switzerland* and in *France*, *Hurdles* employ'd in a Manner something like this, very successfully, not only in preserving *Lands* from being torn away by *Torrents*, and rapid *Rivers*, but in increasing *Islands*, and gaining *firm Lands* out of *Lakes* and *broad Rivers*. And, therefore, I shall add a few Words more as to the Construction and Use of these *Inclosures*.

The *Stakes* and *Hurdles* may be made of any Wood, even *Oziers*, *Willow*, or *Alder*, no Matter whether green or dry. The *Hurdles* should not be less than six Feet, or longer than ten Feet, and eight Feet seems to me a good Length; the Breadth of the *Hurdles*, or rather the Height, in the Manner in which they are to be used in this Place, should not be less than

than two, or more than three Feet; and two Feet, six Inches appears to me the most convenient Breadth in this Case.

The *Stakes* should be about three or four Inches thick; no Matter whether *square* or *round*, *barked* or *not*. As to their Length, that must be determined by Experiments, since they should be driven with a *two-handled Beetle*, two Foot deeper than two Men can force one of those *Stakes* in the *Sands*, with only their Hands: So that if it be found, by Experience, that two Men can enter such a *Stake* coarsely pointed at one End, three Feet deep into the Sands, that will shew that the Stake ought to be six Feet long, and driven five Feet deep into the Ground, and standing but one Foot out of the Ground.

The *Hurdles* should be entered in the Sands about eighteen Inches, in as narrow a Channel as can be made with a *Spade*, and therefore stand out above the Ground, or Sand but about one Foot, as well as the *Stakes* to which they are pinn'd.

Moreover, I think proper to mention, that those *Inclosures* should not be less than
about

about fifty Feet every Way, or more than one Hundred square, or every Way.

The first Raifing in this Place fhould not be above one Foot, for fear of giving too much *Hold* to the Action of the Winds and Tides, efpecially if Storms fhould arife, when the Work is yet *green or newly made*.

But if this Work fucceeds, a new Set of *Hurdles*, after fome Time, may be placed behind the firft Set, pinn'd to the fame *Stakes*, and ftanding about eighteen Inches above the firft Set. And if the Sands are raifed to this fecond Height, that is, to two Feet fix Inches higher than they are now, I conceive it will be fufficient, and the Surface of it will foon acquire a Coat of Grafs, which will greatly preferve it againft future Accidents.

It is evident, that if this Method of raifing the Sands fucceeds, on the Eaft Side of the prefent Cut, by making the *Inclofures* as they are mark'd in the *Eye Draught* with *Red Dots*, there are then certain Grounds to go upon, to lengthen the Cut by Mens Hands, thro' the green Marfhes,
along

along the *Lincoln Shore*, as is also express'd in the *Eye Draught* by *Black Dots*, and to continue it to Sea-ward as far as it will be found practicable, undertaking no more at a Time than what can be dug, and the *Inclosures* made on the East Side, between the Time of the *Neap-Tides* and the next *Spring-Tides*. This is all that I think necessary to say on this Subject.

I remain, with the utmost Respect,

My LORD,

Your GRACE'S

Most devoted,

Most obliged, and

Most humble Servant,

Crown-Court, Westminster, Sept. 9,
1745.

CHARLES LABELYE.

POSTSCRIPT.

WHEN the Cut from *Gunthorp's Sluices* is brought close along the *Lincolnshire Shore*, and carried further to Sea-ward, it may be improved by turning into it, in as streight a Direction as possible, a pretty considerable Brook or Drain, which empties itself but a little Distance lower than *Gunthorp's Sluices*; and the Tide-Waters left all over that Part of the green Marshes on the Outside of Mr. *Crop's Bank*, might also be easily made so many *Feeders* to the Cut, or Outfal of *Gunthorp's Sluices*. I owe this Hint to the Sagacity of *Thomas Holt, Esq;* who made me observe it on the very Spot.

F I N I S.

